

**Amendments to the Specification:**

Please replace the paragraph beginning at page 13, line 23, with the following amended paragraph:

A1 Figs. ~~[[6a-g]]~~ 6a-h represent diagrams that illustrate possible interactions between geometries;

Please replace the paragraph beginning at page 18, line 13, with the following amended paragraph:

A2 In conducting the analysis, objects can be found to interact in a variety of ways. Figs. ~~[[6a-g]]~~ 6a-h illustrate a variety of interactions between two objects. Along these lines, Fig. 6a shows object A and object B. Depending upon how the analysis is being carried out, this situation can be characterized as object A in object B or object B containing object A. Somewhat similarly, Fig. 6b illustrates object A in object B with the boundaries of the two objects touching. Alternatively, this may be considered to show object B covering object A with the boundaries of the two objects touching.

Please replace the paragraph beginning at page 19, line 9, with the following amended paragraph:

A3 Fig. 6e represents a situation where the two objects intersect and the "boundary" of the line intersects the boundary of the polygon. Similarly, Fig. ~~[[6e]]~~ 6f exemplifies a case where the boundaries of the two objects intersect, but with two polygons rather than a polygon and a line.

Please replace the paragraph beginning at page 19, line 13, with the following amended paragraph:

A4 Fig. ~~[[6f]]~~ 6g shows a case where the two objects are equal. On the other hand, Fig. ~~[[6g]]~~ 6h illustrates a case where the two objects are disjoint and do not intersect or have any points in common.

Please replace the paragraph beginning at page 19, line 17, with the following amended paragraph:

A5 Any of the interactions shown in Figs. ~~[[6a-g]]~~ 6a-h may be utilized to define the primary filter. In practice, at least one of the conditions shown in Figs. ~~[[6a-g]]~~ 6a-h may be used as the primary filter condition. In other words, one, two, or up to all of the conditions shown in Figs. ~~6a-f or 6g~~ 6a-g or 6h may be used. In

A5  
the case where all of the conditions shown in Figs. [[6a-f]] 6a-g are used as the primary filter condition, the primary filter can identify configurations 'where the objects share at least one point in common.

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